

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

6

DECISION

TOPIC

Solid Waste Alternatives Program – Recommendations

The Department received 21 proposals, requesting over \$5.2 million in financial assistance, for consideration during the October 2006 round of funding. Eight (8) projects were selected for funding. If approved they will receive \$835,933 in a combination of forgivable loans, zero interest loans and three-percent (3%) loans.

The review committee consisted of five persons representing the Energy and Waste Management Bureau (Tom Anderson and Jennifer Reutzel), Iowa Society of Solid Waste Operations (Don Vogt), Iowa Recycling Association (Jeff Rose), and the Iowa Waste Exchange (Matt Rasmussen).

The table below summarizes recommendations by applicant and project type and by the type of award.

Recommended By Applicant Type	# Awards	Award Amount	Forgivable Loan Portion
Local Government	6	\$526,283	\$79,500
Private For Profit	2	\$309,650	\$0
Private Not For Profit	0	\$0	\$0
Recommended By Project Type	# Awards	Award Amount	Forgivable Loan Portion
Best Practices	5	\$423,025	\$46,500
Market Development	1	\$300,000	\$0
Education	2	\$112,908	\$33,000
Type of Award	# Awards	Award Amount	Forgivable Loan Portion
Forgivable loan only	2	\$39,500	\$39,500
Forgivable and 0% loan only	2	\$124,283	\$40,000
0% and 3% interest loan only	2	\$600,000	\$0
0% interest loan only	1	\$9,650	\$0
3% interest loan only	1	\$62,500	\$0

At this time, the Department is requesting Commission approval to enter into contracts with selected applicants whose awards will be in excess of \$25,000 subject to satisfactory review of additional requested information, review of business plans, negotiation of budget, match, deliverables, and other requested information.

A description of each recommended project, the project type, the amount and type of funding assistance is attached followed by a description of other proposals received but not recommended for funding.

Wayne Gieselman
Division Administrator
Environmental Services Division

Attachment

a) Application descriptions

December 12, 2006

SOLID WASTE ALTERNATIVES PROGRAM
PROPOSAL RECOMMENDATIONS – OCTOBER 2006

The Department received twenty-one (21) proposals, requesting over \$5.2 million in financial assistance, for consideration during the October 2006 round of funding. Eight (8) projects were selected for funding. If all are approved they will receive \$835,933 in a combination of forgivable loans, zero interest loans and three-percent (3%) loans.

The following provides a description of each project, the project type, and the amount and type of funding assistance. The descriptions are organized as projects above \$25,000, those \$25,000 and below, and proposals received but not selected.

PROPOSAL RECOMMENDATIONS: ABOVE \$25,000

BEST PRACTICES PROJECTS:

Cherokee County Solid Waste Commission
1805 Linden Road
Cherokee, IA 51012

Forgivable Loan:	\$0
Zero Interest Loan:	\$150,000
3% Interest Loan	<u>\$150,000</u>
Total Award Amount:	\$300,000

Cash Match:	\$653,158
In-Kind Match:	<u>\$0</u>
Local Match:	\$653,158
Total Project Cost:	\$953,158

Project Title:
Contact:
Project Type:
Applicant:
Description:

Processed Engineered Fuel Facility
Don Pitts Phone: 712-225-3749
Best Practices
Local Government
Applicant requests funds to support establishing a facility to produce a densified, engineered fuel in conjunction with their mixed waste processing facility. The facility will shred residual wastes after recyclables recovery and convert them into an industrial fuel that will be sold to contracted end-market users. Funding will go towards equipment purchase for the project. The project is being done in conjunction with neighboring waste agencies in Buena Vista and Plymouth counties. Approximately 29,000 tons of residuals currently going to the landfill will be diverted each year.

Target Area: Cherokee, Plymouth and Buena Vista counties

City of Jefferson
220 N. Chesnut Street
Jefferson, IA 50129

Forgivable Loan: \$0
Zero Interest Loan: \$0
3% Interest Loan: \$62,500
Total Award Amount: \$62,500

Cash Match: \$62,500
In-Kind Match: \$0
Local Match: \$62,500

Total Project Cost: \$125,000

Project Title: **County Recycling Truck**
Contact: Diane Kennedy Phone: 515-386-2155
Project Type: Best Practices
Applicant: Local Government
Description: The applicant, on behalf of the Greene County Recycling Agency, requests funds to purchase a recycling truck in support of the Greene county recycling program. The truck serves a successful county recycling program that offers curbside collection to its residents in addition to commercial collection to area businesses as needed. The project is projected to support an average diversion of 686 tons of recyclables from the landfill each year.

Target Area: Greene county

City of Dubuque
925 Kerper Court
Dubuque, IA 52001

Forgivable Loan: \$26,500
Zero Interest Loan: \$0
3% Interest Loan: \$ 0
Total Award Amount: \$26,500

Cash Match: \$17,000
In-Kind Match: \$20,000
Local Match: \$37,000

Total Project Cost: \$63,500

Project Title: **Pay-As-You-Throw Tracking, Enforcement and Education Pilot Project**
Contact: Paul Schultz Phone: 563-589-4249
Project Type: Best Practices
Applicant: Local Government
Description: Applicant requests funds to conduct a pilot Pay-As-You-Throw (PAYT) Tracking and Enforcement Project to improve efficiency and effectiveness of the city's existing PAYT program. The project will work to reduce residential infractions of the existing PAYT system and allow for more targeted recycling education to PAYT offenders as a means of reducing the amount of waste being set out at the curb. Funding will go towards the purchase of technology for participating collection vehicles and support of the recycling education activities targeted towards residential PAYT offenders.

Target Area:	City of Dubuque
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MARKET DEVELOPMENT PROJECTS:

Greystone Manufacturing	Forgivable Loan:	\$0
2601 Shoreline Drive	Zero Interest Loan:	\$150,000
Bettendorf, IA 52722	3% Interest Loan	<u>\$150,000</u>
	Total Award Amount:	\$300,000
	Cash Match:	\$1,047,235
	In-Kind Match:	<u>\$0</u>
	Local Match:	\$1,047,235
	Total Project Cost:	\$1,347,235

Project Title:	Plastic Pallets Project
Contact:	James Strieck Phone: 563-332-0052
Project Type:	Market Development
Applicant:	Private For Profit
Description:	Applicant requests funds to expand their recycled plastic pallet manufacturing facility by purchasing equipment that will allow them to take in an increased amount of recycled plastic. Funds will go towards the purchase of equipment that will double their current production capacity. The applicant is an end-market for diverted plastic recyclables obtained from across the state of Iowa. The expansion will allow for the processing of an additional 12,000 tons of recyclable plastic material per year.

Target Area:	State of Iowa
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EDUCATION PROJECTS:

Des Moines County Regional Solid	Forgivable Loan:	\$20,000
Waste Commission	Zero Interest Loan:	\$79,908
1818 West Burlington Avenue	3% Interest Loan:	<u>\$0</u>
Burlington, IA 52601	Total Award Amount:	\$99,908
	Cash Match:	\$440,104
	In-Kind Match:	<u>\$10,300</u>
	Local Match:	\$450,404
	Total Project Cost:	\$550,312

Project Title:	Agency Green Building Facilities
Contact:	Hal Morton Phone: 319-753-8126
Project Type:	Education

Applicant:	Local Government
Description:	Applicant requests funds to support the construction of a “green” environmental education classroom and HazChem Center at the landfill. The project is being done in conjunction with a more comprehensive “greening” of the waste agency’s facilities, including a “green” office/education center and utilization of geothermal heating for the agency facilities captured from the on-site landfill mass. The project will be a local demonstration model of green building, support continued development of local markets for locally generated recyclables, and facilitate improved education efforts to increase overall diversion through residential recycling programs within the planning area. Through completion of this project, the applicant looks to increase landfill diversion by approximately 580 tons per year.
Target Area:	Des Moines, Lee, Henry, Van Buren counties and the Morning Sun community within Louisa county

PROPOSAL RECOMMENDATIONS: \$25,000 AND BELOW

BEST PRACTICES PROJECTS:

Mercy Medical Center 701 10th Street SE Cedar Rapids, IA 52403	Forgivable Loan:	\$0
	Zero Interest Loan:	\$9,650
	3% Interest Loan	<u>\$0</u>
	Total Award Amount:	\$9,650
	Cash Match:	\$9,650
	In-Kind Match:	<u>\$0</u>
	Local Match:	\$9,650
	Total Project Cost:	\$19,300
Project Title:	Mercy Laboratory Solvent Recovery Project	
Contact:	Kent Miller	Phone: 319-369-4596
Project Type:	Best Practices	
Applicant:	Private For Profit	
Description:	Applicant requests funds to implement a solid waste source reduction project within the hospital's laboratory department through installation of a solvent recovery system. The system will allow for a reduction of over 1,100 plastic gallon containers containing solvent residual to be landfilled each year. This project is being established as a part of an overall, comprehensive waste reduction/recycling program being implemented throughout the hospital and originated from the participation of the applicant in the 2006 Pollution Prevention Intern Program.	
Target Area:	Mercy Medical Center facility	

City of Charles City
105 Milwaukee Mall
Charles City, IA 50616-2229

Forgivable Loan:	\$20,000
Zero Interest Loan:	\$4,375
3% Interest Loan	<u>\$0</u>
Total Award Amount:	\$24,375

Cash Match:	\$108,125
In-Kind Match:	<u>\$8,500</u>
Local Match:	\$116,625

Total Project Cost:	\$141,000
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Project Title: Charles City Compost Site
Contact: Jody Meyer Phone: 641-257-6300
Project Type: Best Practices
Applicant: Local Government
Description: Applicant requests funds to establish a city composting site to more effectively manage the surplus of the city's residential yard wastes. The project will create a sustainable, efficient program and a consistent, quality finished compost product that will be useable and marketable. The design and approach of the project has been purposely based off existing, successful compost sites implemented by cities of a similar size. Funding will go towards preparation and establishment of the new site, and will support the reuse of approximately 600 tons of organic waste each year.

Target Area: City of Charles City

EDUCATION PROJECTS:

East Central Iowa Council of
Governments on behalf of Tama
County Solid Waste Disposal
Commission
700 16th Street NE, Suite 301
Cedar Rapids, IA 52402

Forgivable Loan:	\$13,000
Zero Interest Loan:	\$0
3% Interest Loan	<u>\$0</u>
Total Award Amount:	\$13,000

Cash Match:	\$13,000
In-Kind Match:	<u>\$0</u>
Local Match:	\$13,000

Total Project Cost:	\$26,000
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Project Title: Tama County School Recycling Program
Contact: Jennifer Ryan Phone: 319-365-9941 ext. 31
Project Type: Education
Applicant: Local Government
Description: The school recycling project will assist Tama County and its four school districts expand their recycling efforts and raise awareness about recycling. Goals of the project are to increase material diversion from the four districts, approximately 25 tons annually, and

conduct a multi-faceted effort to educate Tama county students and residents about recycling. Funds are requested for purchase of collection containers, training sessions for all teachers and staff in the four school districts, presentations in each classroom, development and presentation of a solid waste education unit, and organization of a recycling contest in each school district. This project is building off the success of a previous similar effort in Jones County, another county in the ECICOG service area.

Target Area: Tama county

PROPOSALS RECEIVED, NOT RECOMMENDED

Prairie Lands Enterprises L.C.
23199 217th Avenue
Centerville, IA 52544

Total Amount Requested: \$441,243

Project Title: Wood Fuel Pellets
Contact: Jim Schweizer **Phone:** 641-895-1962
Project Type: Best Practices
Applicant: Private For Profit
Description: Applicant proposes to establish a pellet manufacturing operation for production of wood waste fuel pellets

**Keokuk Historical
Preservation Commission**
415 Blondeau Street
Keokuk, IA 52632

Total Amount Requested: \$18,275

Project Title: The North Third Street Project
Contact: Charles Mitchell **Phone:** 319-524-5636
Project Type: Best Practices
Applicant: Local Government
Description: Applicant requests funds to support a deconstruction/salvage effort targeted towards two city structures in Keokuk, IA.

Ames Public Art Commission
515 Clark Avenue
Ames, IA 50010

Total Amount Requested: \$6,528

Project Title: Ames Resource Recovery Artist-in-Residence Program
Contact: Teresa Paschke **Phone:** 515-294-1656
Project Type: Education
Applicant: Local Government

Description:	Applicant requests funds to establish a two-month artist-in-residency program to create artwork from recyclables and educate local citizens on local recycling programs and issues
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Responsible Redevelopment Group 1079 Elm Street Dubuque, IA 52001		Total Amount Requested:	\$24,000
Project Title:	Responsible Redevelopment Initiative		
Contact:	David Blake	Phone:	563-495-0301
Project Type:	Market Development		
Applicant:	Private For Profit		
Description:	Applicant requests funds to install a heating system in an expanded section of their showroom/product development area to increase retail square footage and support increased sales of recovered C&D materials		

Iowa Agriculture and Home Economics Experiment Station 1027 Agronomy Hall Iowa State University Ames, IA 50011-1050		Total Amount Requested:	\$30,700
Project Title:	Education and Market Development for Enhanced-Value Compost in Iowa		
Contact:	Stanley J. Henning	Phone:	515-294-7846
Project Type:	Education		
Applicant:	Local Government		
Description:	Applicant requests funds to develop acidic compost formulations that could support further development of acidic-soil based horticulture crops in Iowa		

Complete Recovery, LLC 610 East Milwaukee Street Spencer, IA 51301		Total Amount Requested:	\$1,062,000
Project Title:	Complete Recovery Application		
Contact:	Randy Plagman	Phone:	712-262-4877
Project Type:	Market Development		
Applicant:	Private For Profit		
Description:	Applicant requests funds to move their recycling operation to the Northern Plains Regional Landfill and partner with the city of Spencer to expand the amount of recyclables being diverted from the landfill		

North Iowa Power III 1107 Hazeltine Blvd. Chaska, MN 55318		Total Amount Requested:	\$1,000,000
Project Title:	Kraft Foods Solid Fuel Boiler Project		
Contact:	Thomas Vagts	Phone:	612-618-7352

Project Type:	Best Practices
Applicant:	Private For Profit
Description:	Applicant requests funds to develop and install a solid waste fueled boiler to produce process steam at the Kraft Foods facility in Mason City, IA

Pattison Sand Company, LLC 703 First Street Clayton, IA 52049		Total Amount Requested:	\$500,000
Project Title:	Energy Reclamation Project		
Contact:	Kyle Pattison	Phone:	563-880-1013
Project Type:	Market Development		
Applicant:	Private For Profit		
Description:	Applicant requests funds to install a thermal oxidation process system to use waste tires for generation of process heat for a frac sand processing facility		

Bill Miller Logging, Inc. 10697 Wood Gate Drive Dubuque, IA 52003		Total Amount Requested:	\$354,471
Project Title:	Wood Waste Processing Expansion		
Contact:	Mary Miller	Phone:	563-583-9441
Project Type:	Best Practices		
Applicant:	Private For Profit		
Description:	Applicant requests funds to purchase equipment that will allow for increased wood waste grinding capacity		

Record Management Systems 536 Main Street Granville, IA 51022		Total Amount Requested:	\$5,000
Project Title:	Baler Purchase for Recyclable Materials		
Contact:	Brenda Bunkers	Phone:	712-727-3710
Project Type:	Best Practices		
Applicant:	Private For Profit		
Description:	Applicant requests funds to purchase equipment to process additional recyclables within their service area currently going to the landfill		

Astoria Industries of Iowa, Inc. 301 Northwestern Ave. Chariton, IA 50049		Total Amount Requested:	\$184,578
Project Title:	Fiberglass Reinforced Plastic Waste Reduction/Elimination		
Contact:	Matt DeCann	Phone:	641-774-3456
Project Type:	Best Practices		
Applicant:	Private For Profit		
Description:	Applicant requests funds to purchase equipment that will allow them to reuse their fiberglass scrap in their production process		

Keep Iowa Beautiful
300 E. Grand Avenue, Suite 100
Des Moines, IA 50309

Total Amount Requested: \$20,000

Project Title: **Litter-Free Campus Education Position**
Contact: Gerry Schnepf **Phone:** 515-323-6507
Project Type: Education
Applicant: Private Not For Profit
Description: Applicant requests funds to support the staff necessary for the continuation of the Keep Iowa Beautiful Litter-Free School Campus pilot program

Chamness Technology, Inc.
24820 – 160th Street
Eddyville, IA 52553

Total Amount Requested: \$223,326

Project Title: **Eddyville Organics**
Contact: Dr. John W. Sutherlin **Phone:** 515-480-1414
Project Type: Best Practices
Applicant: Private For Profit
Description: Applicant requests funds to expand their composting operation through acquisition of equipment that will process increased amounts of organic waste at their Eddyville site
